

The figure consists of two plots showing the sedimentation behavior of various materials. The x-axis for both plots is the sedimentation coefficient in Svedberg units (S), ranging from 10^0 to 10^9 on a logarithmic scale. The y-axis for both plots is density in g/cm^3 .

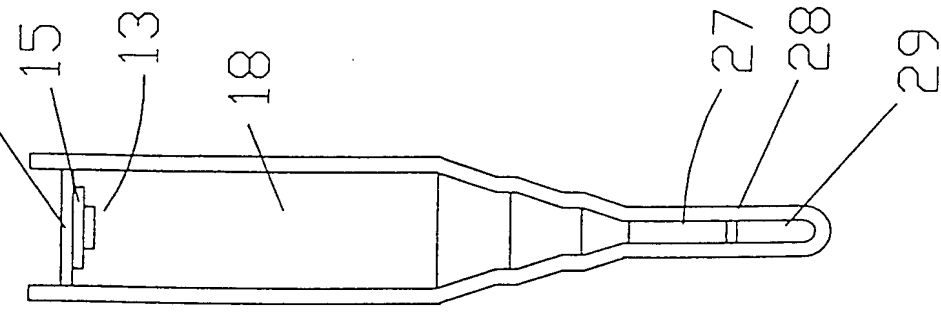
Top Plot (Biological Materials): The y-axis ranges from 1.1 to 1.9 g/cm^3 . The plot shows the sedimentation behavior of various biological materials, including:

- SOLUBLE PROTEIN:** A cluster of points around 10^1 S and 1.3 g/cm^3 .
- RIFT VALLEY FEVER:** A cluster of points around 10^2 S and 1.2 g/cm^3 .
- POLIO:** A cluster of points around 10^2 S and 1.35 g/cm^3 .
- POLYOMA:** A cluster of points around 10^2 S and 1.4 g/cm^3 .
- ADENOC 2:** A cluster of points around 10^3 S and 1.35 g/cm^3 .
- ADENOC 3:** A cluster of points around 10^3 S and 1.4 g/cm^3 .
- PAPILLOMA:** A cluster of points around 10^3 S and 1.4 g/cm^3 .
- MOUSE ENCEPHALOMYELITIS:** A cluster of points around 10^3 S and 1.4 g/cm^3 .
- REOVIRUS 3:** A cluster of points around 10^3 S and 1.4 g/cm^3 .
- FOOT AND MOUTH:** A cluster of points around 10^3 S and 1.4 g/cm^3 .
- GLYCOCEN:** A cluster of points around 10^2 S and 1.6 g/cm^3 .
- DN A:** A cluster of points around 10^1 S and 1.7 g/cm^3 .
- RIBOSOMES AND POLYSOMES:** A cluster of points around 10^2 S and 1.75 g/cm^3 .
- NUCLEI:** A cluster of points around 10^8 S and 1.35 g/cm^3 .
- MICROSOMES:** A cluster of points around 10^3 S and 1.15 g/cm^3 .
- MITOCHONDRIA:** A cluster of points around 10^4 S and 1.15 g/cm^3 .
- ADENOC 1:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 4:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 5:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 6:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 7:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 8:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 9:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 10:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 11:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 12:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 13:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 14:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 15:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 16:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 17:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 18:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 19:** A cluster of points around 10^3 S and 1.25 g/cm^3 .
- ADENOC 20:** A cluster of points around 10^3 S and 1.25 g/cm^3 .

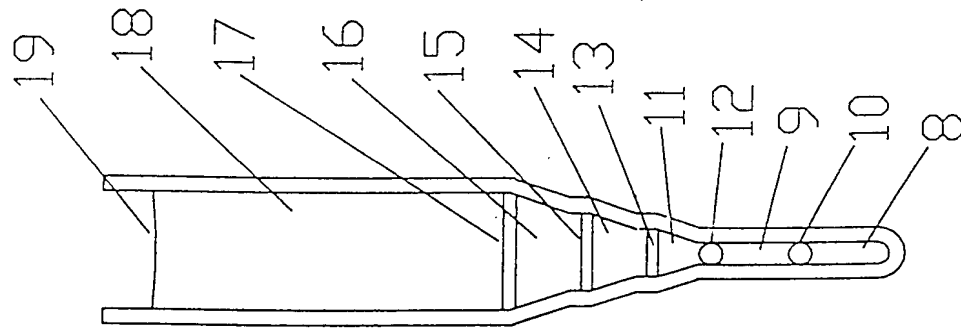
Bottom Plot (Geological Materials): The y-axis ranges from 2.0 to 6.0 g/cm^3 . The plot shows the sedimentation behavior of various geological materials, including:

- DIASPORE:** A cluster of points around 10^6 S and 3.5 g/cm^3 .
- NEVATITE:** A cluster of points around 10^6 S and 5.0 g/cm^3 .
- GIBBSITE:** A cluster of points around 10^6 S and 2.5 g/cm^3 .
- QUARTZ AND KAOLIN:** A cluster of points around 10^6 S and 2.5 g/cm^3 .
- CALCIUM CARBONATE:** A cluster of points around 10^6 S and 2.5 g/cm^3 .
- DN A:** A cluster of points around 10^1 S and 2.0 g/cm^3 .

FIG 1



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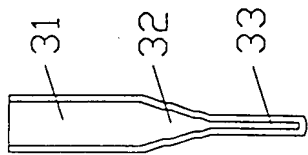


FIG 3A

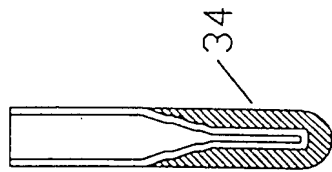


FIG 3B

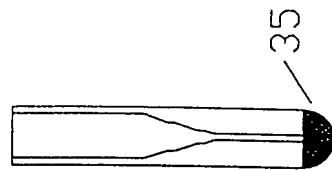


FIG 3C

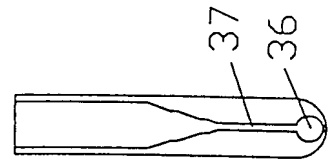


FIG 3D

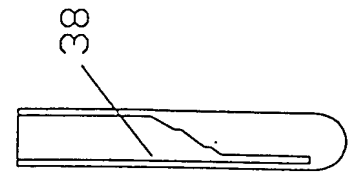


FIG 3E

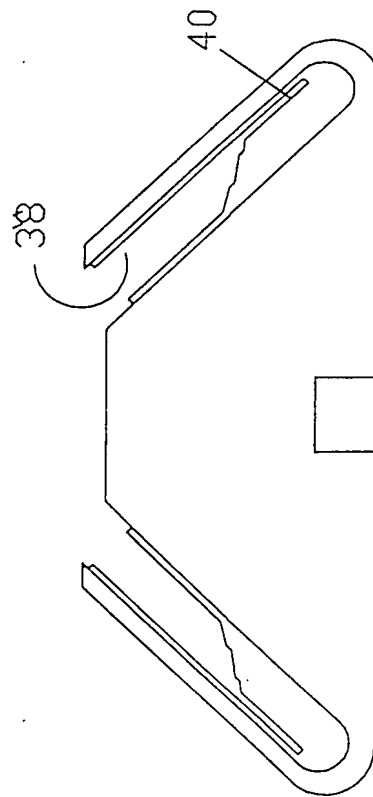


FIG 3F

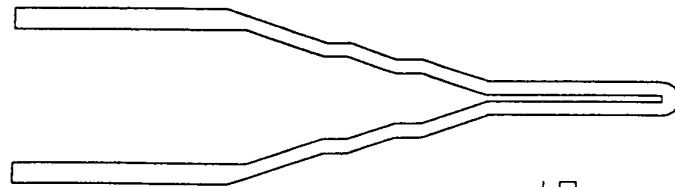


FIG 3G

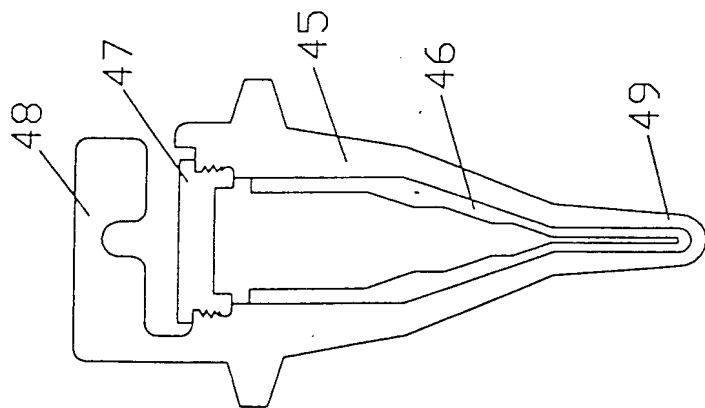


FIG 4A

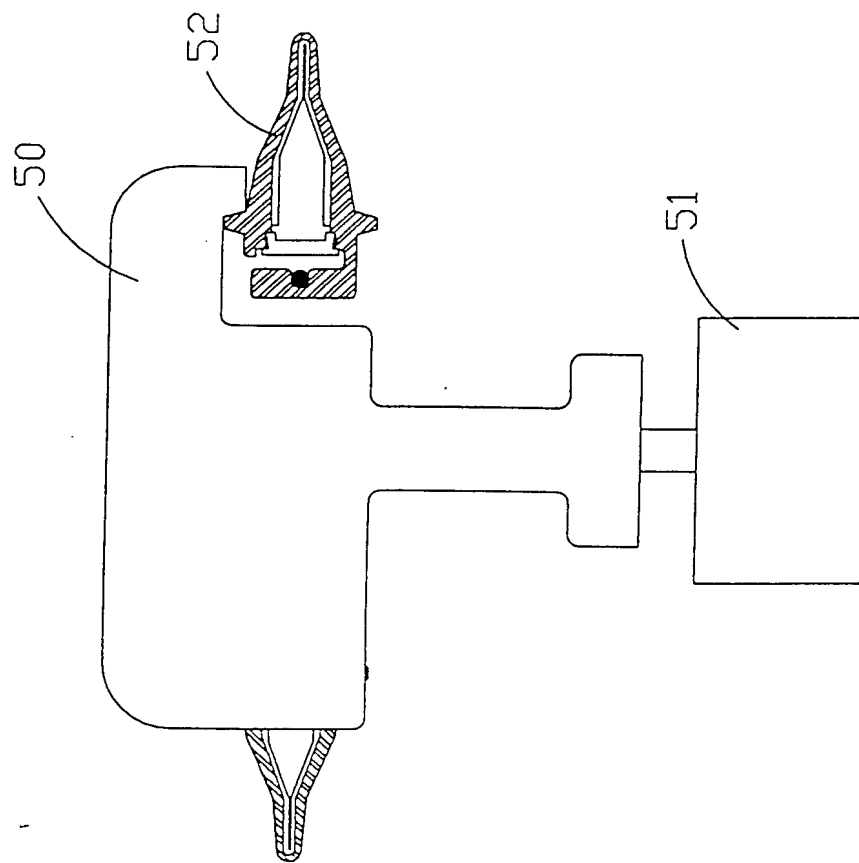


FIG 4B

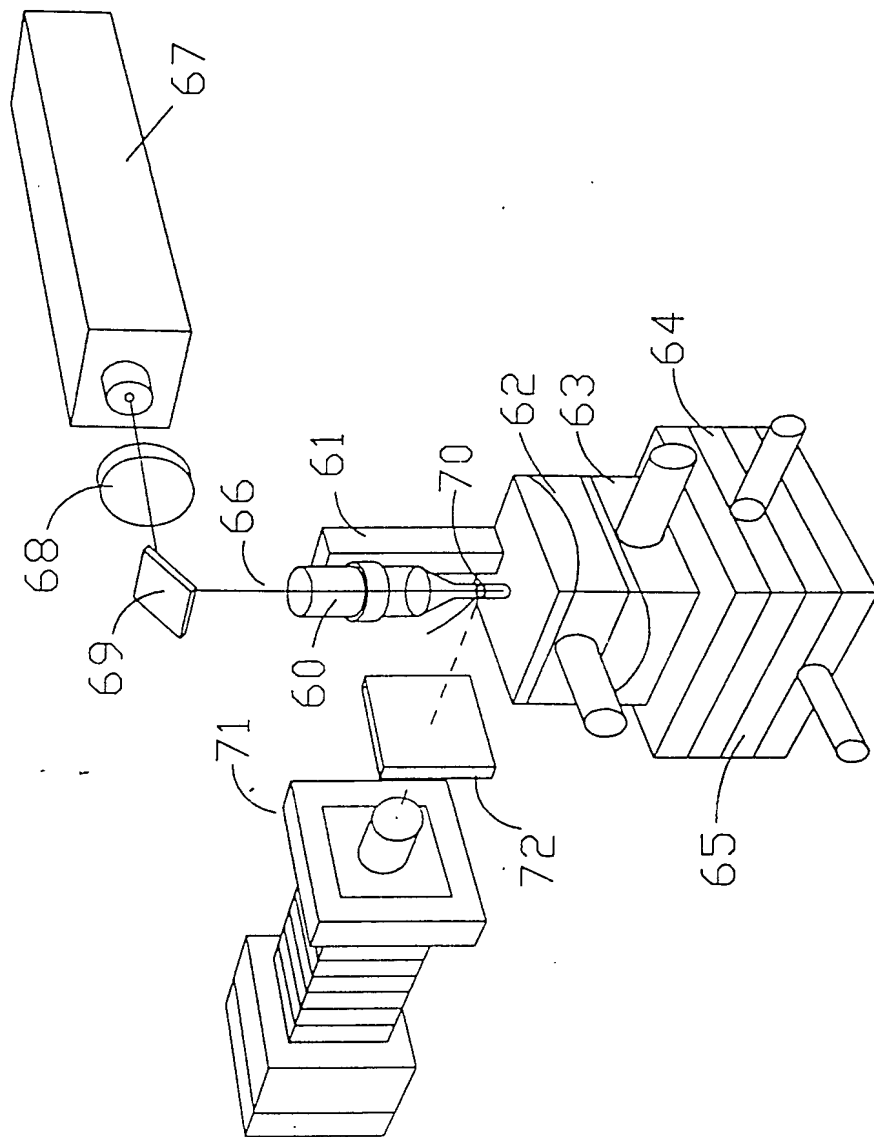
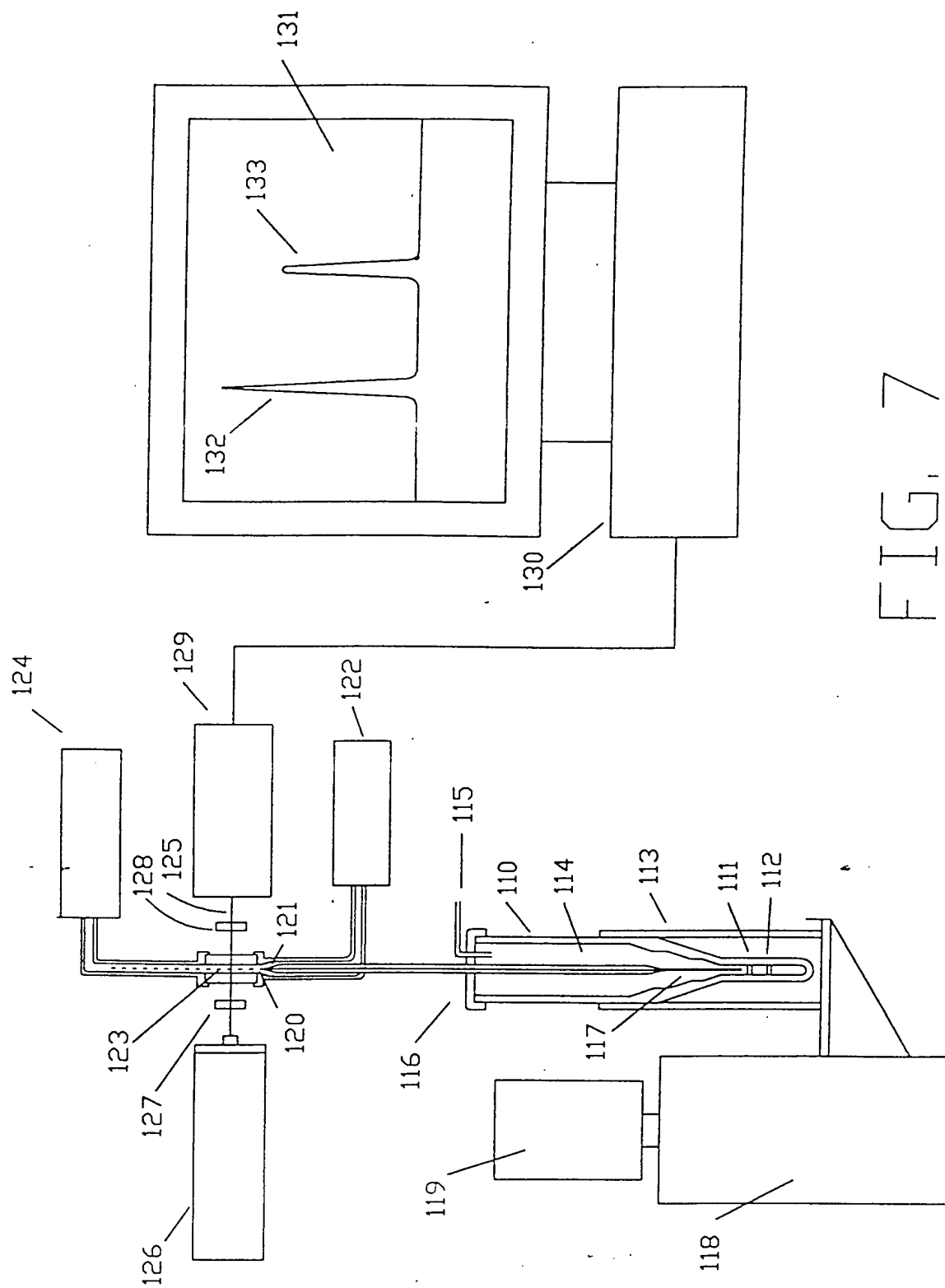


FIG. 5

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G
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L



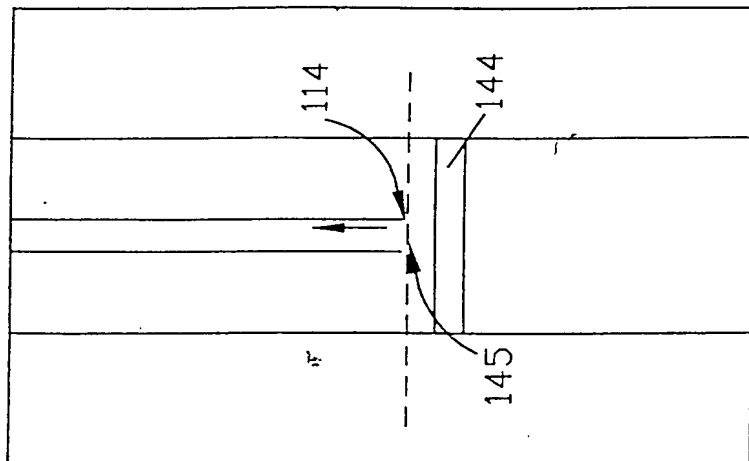
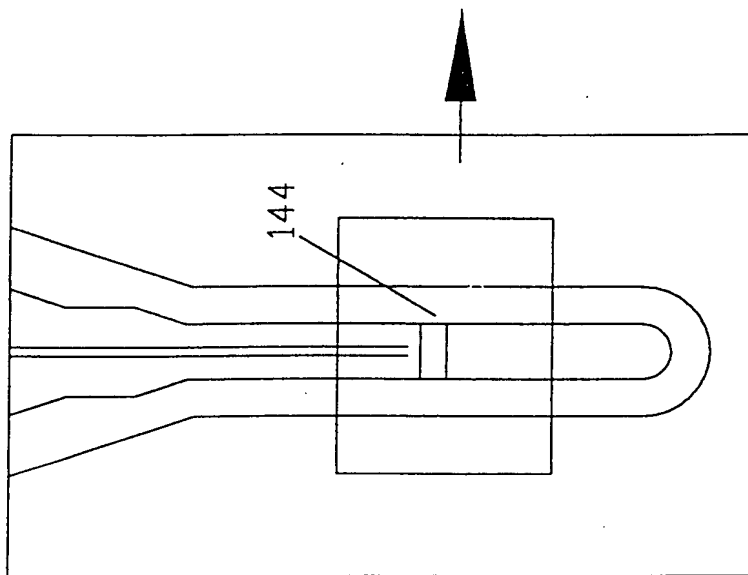
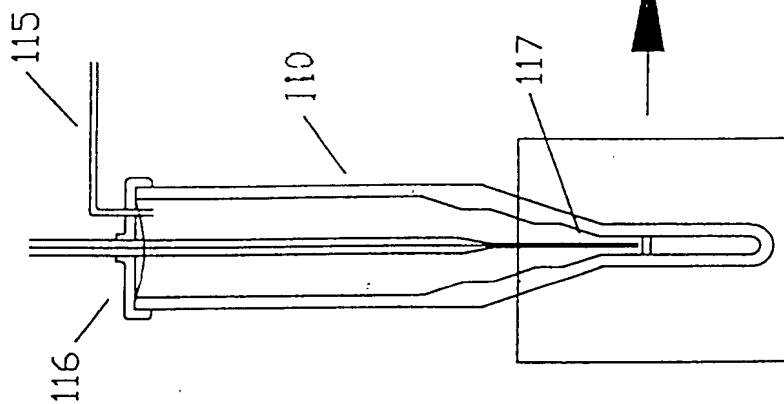




FIG 9E

FIG 9D

FIG 9C

FIG 9B

FIG 9A